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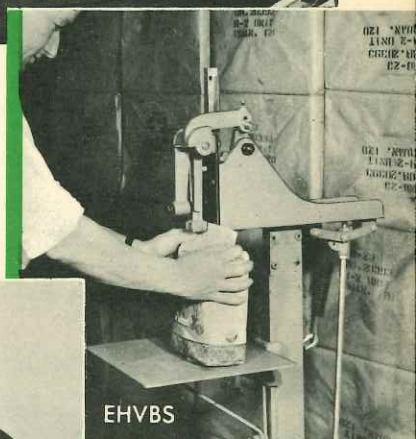
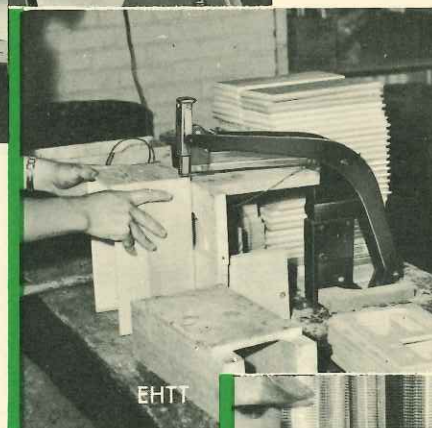
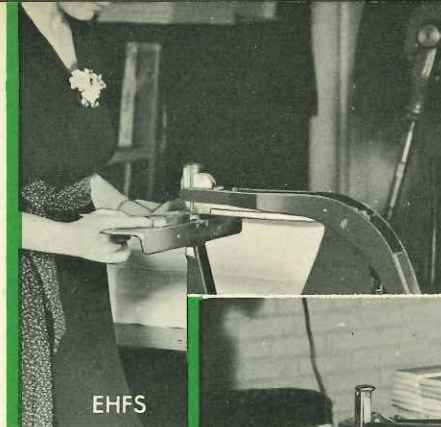
Attention JACK MURPHY
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JAN 19 1955

U. S. PATENT OFFICE



BOSTITCH

Foot and Motor Operated

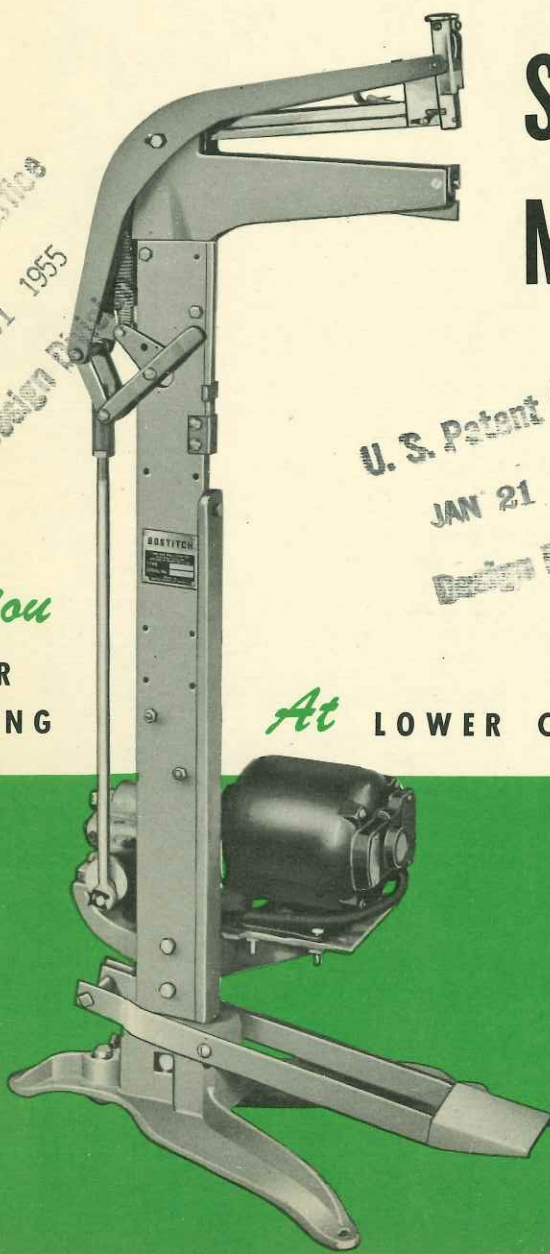
STAPLING MACHINES

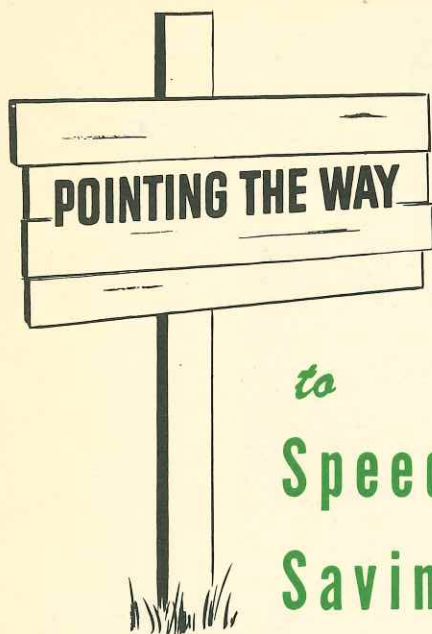
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Give You
BETTER
FASTENING

U. S. Patent Office
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Design Patent

At LOWER COST





to
**Speed,
Savings,
and Security
in FASTENING**

Reports from users prove that Bostitch machines and methods save time and money and often provide a fastening that is neater and more secure.

Whether you use clips, glue, nails, pins, rivets, rubber bands, solder, string, tacks, tape, thread, or wire ties, Bostitch may be able to save *you* time and money, too.

This folder describes Bostitch "E" machines, foot and motor operated. There are twelve basic "E" models and over four hundred standard models using a total of forty different sizes and types of staples.

Besides these there is the extensive Bostitch line of hand staplers, hammers, tackers, and wire stitchers. Descriptive material on these will be gladly furnished on request.

The complete Bostitch line of over 800 models covers almost every fastening requirement.

HOW **BOSTITCH** MODEL E STAPLERS

FOOT AND MOTOR OPERATED —

have replaced other fastening methods

TO SPEED PRODUCTION AND CUT COSTS.

| | |
|---------------------|--|
| GLUE | <p>Fibreboard cylinders for light bulb insect killers. With glue: 3 girls turned out 200 per hour. With Bostitch: 1 girl turned out 800 per hour.</p> <p>Cardboard spools for fish lines and lures. With glue: 10 dozen per hour. With Bostitch: 40 dozen per hour.</p> <p>Purses and hand bags. With glue: 12 pieces in a given time. With Bostitch: 20 pieces in the same time at two-thirds the cost.</p> <p>Paint stippler. Assembling with Bostitch instead of glue saved \$28.50 per thousand.</p> <p>Radio parts boxes. Stapling instead of gluing put a stop to pilferage.</p> |
| NAILS | <p>Wooden chests for cutlery and silverware. Nailing: 30 per hour. With Bostitch: 150 per hour.</p> <p>Paint brushes. Machine nailing: 425 dozen per day. With Bostitch: 900 dozen per day.</p> <p>Trunk frames. Fastened with Bostitch at one-third the labor cost of nailing.</p> |
| PINS | <p>Dry cleaning. One Bostitch operator does the work of two hand pinners using safety pins to attach identifying tags. And staples cost one-fourth as much.</p> |
| RIVETS | <p>Aluminum cupolas for farm buildings. Bostitch assembles them twice as fast as riveting.</p> |
| RUBBER BANDS | <p>Attaching lipstick holders to slotted display cards. 50% saving in labor cost with Bostitch, compared with rubber bands.</p> |
| SOLDER | <p>Attaching copper mesh to foot valve for gasoline pumps. With solder: 20 per hour. With Bostitch: 90 per hour.</p> |
| STRING | <p>Packaging tamales. With string: Two operators fastened 2,000 in 8 hours. With Bostitch: One operator fastened 2,000 in 7 hours.</p> <p>Closing plastic ice cube bags. Packer reports Bostitch "E" machines "much faster than string."</p> |
| TACKS | <p>Assembling wooden toys. "Faster, cheaper, and less likely to split wood than tacks." Attaching pull strings to toy dogs. "Four times faster than tacks."</p> |
| TAPE | <p>Packaging farm implement parts in corrugated wrappings. "One-half the labor cost; one-third the material cost; twice the out-put — compared with gummed tape." Fastening samples of lip-stick and powder in case. "Three times faster than tape."</p> |
| THREAD | <p>Joining bolts of cloth into continuous roll. "Three times faster than sewing." Manufacturing purses. "Twice as fast as sewing. More adaptable to varying shapes and sizes." Making rosette prize ribbons. "90% saving in time and labor over hand sewing." Uniform caps. "50% faster than sewing."</p> |
| WIRE TIES | <p>Fishing rod holders. With wire ties: 100 holders per hour attached to display cards. With Bostitch: 100 holders attached per half-hour.</p> |



Small merchandise is frequently stapled to individual display cards; oftentimes a number of items are stapled to a counter card to make a dispensing display. In the picture above, elastic braid is being stapled, at regular intervals, to display an assortment of jackknives which will be inserted under the braid.

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**Both Hands
Are Free
to Handle
the Work**

MODEL EHA

On fastening jobs where the work can be brought to the machine, greater speed and accuracy can be obtained by foot operation or foot-actuated motor operation. The work can be quickly and easily placed and held in position while the staple is driven.

For work that can be laid over the arm or where work cannot be laid flat, such as jobs where arm must enter work to place staple well in from the edge.

For many industrial fastening jobs, including forming telescope boxes. Work can be held tightly with the fingers, close to the stapling point.

Made in two heights, EHA for standing operator, ELA for seated operator.

All Bostitch "E" machines can be motorized

for high speed production with a minimum of operator fatigue. They can be purchased complete with motor and motor drive, or foot operated models can be motorized at any time. Motor equipment comprises gear case with self-contained clutch, motor coupling, driving rod, and on-and-off switch and circuit breaker. When ordering motors or motorized machines, specify type of current and voltage to be used.



MODEL EHT

Similar to EHA but equipped with large work table. Extensively used for attaching small items of merchandise to display cards. Staple can be shaped to conform to part around which it is driven and clinched tightly enough to hold firmly without crushing. Control is so accurate that fragile items like glass bottles can be carded without breakage.

Made in two heights, EHT for standing operator, ELT for seated operator.



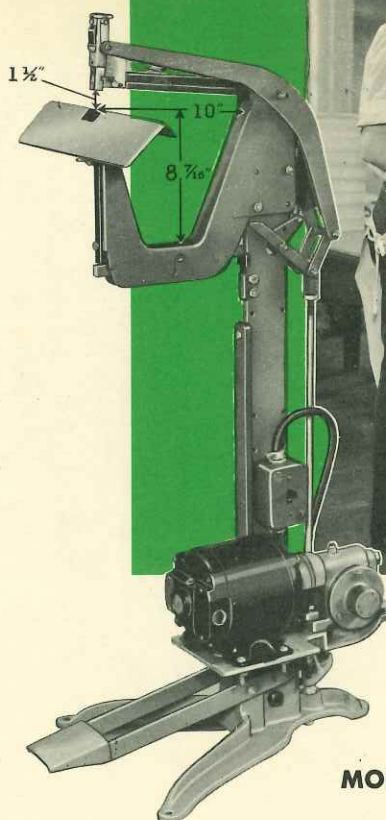
Assembling tailored gardenia corsages with Bostitch EHT, florists have been able to increase their output as much as six times.

There's a Reason for Every Model and a Model for Every Need.

As standard equipment in the small print shop or bindery or auxiliary equipment in the larger shop, this flat and saddle stapler does excellent pamphlet and booklet work. Inexpensive, yet it equals the performance of a stitcher. Hundreds still in use after more than ten years of satisfactory service.

Equipped with E6200B head or E6400B head (for .025 round wire staples) or E6600B head (for .019 round wire staples). See page 7 for staple sizes.

Standard movable clincher insures flat, tight clinch. Pass-by clincher may be had, if specified, which permits staples up to $\frac{3}{8}$ " in length to be used on any thickness of work down to two sheets.

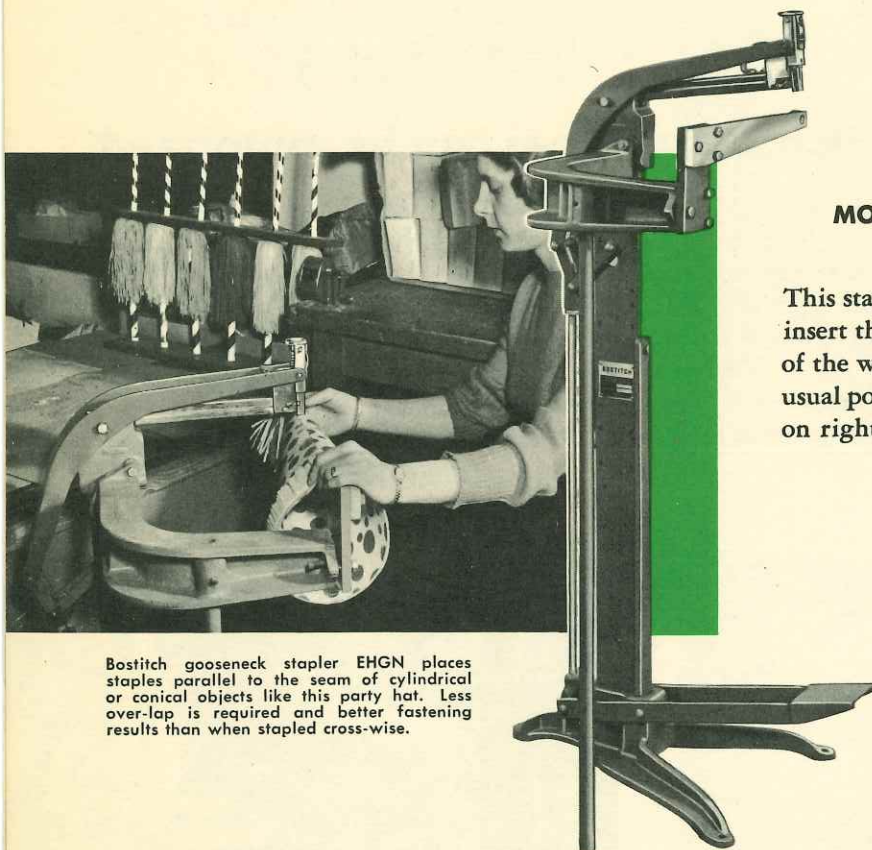


With table in flat position, flat sheets, bulletins, etc., are quickly bound with Model EHFS. Folded sheets are easily stapled along the fold with table in saddle position.

MODEL EHFS

MODEL EHGN

This stapler has a gooseneck arm, which makes it possible to insert the work from the side and place the staple lengthwise of the work — at right angles to the usual position. Arm may be mounted on right or left side of machine.



Bostitch gooseneck stapler EHGN places staples parallel to the seam of cylindrical or conical objects like this party hat. Less over-lap is required and better fastening results than when stapled cross-wise.

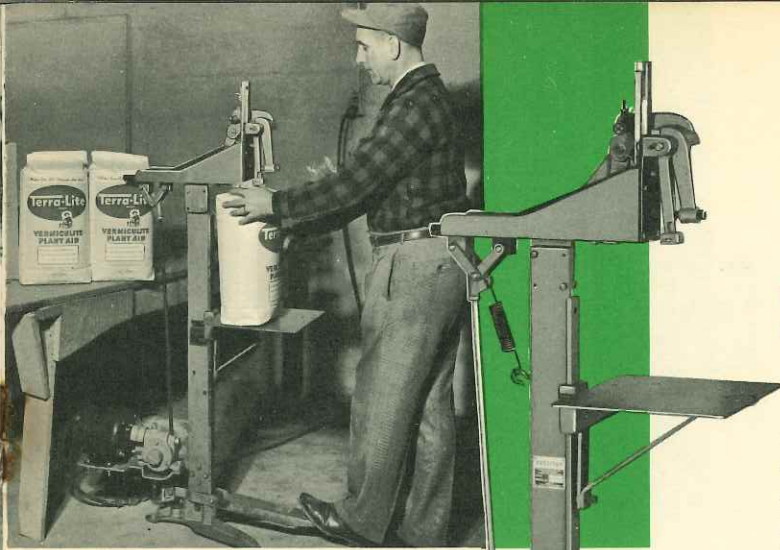
This is a tacker, used for tacking toys, boxes, signs, and other objects in runs of uniform heights. Adjustable table is set to bring top of work to the proper height for stroke of driver to drive staple to the exact depth required. Table can be dropped as much as 31" below point where staple is driven.

MODEL EHTT



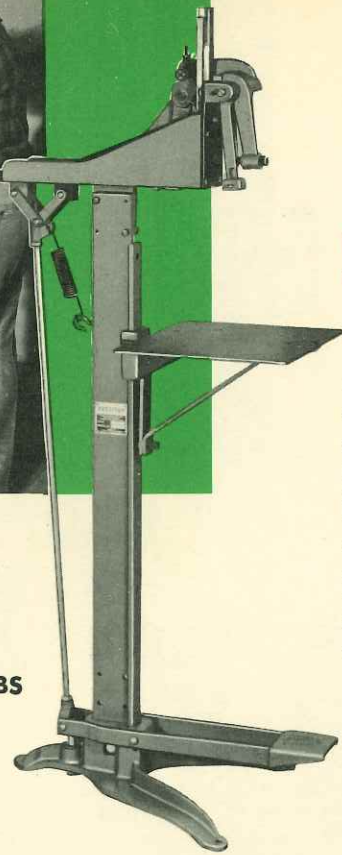
Bostitch table tacker EHTT cutting costs in assembly of wooden toys. Picture shows adjustable table in high position because of thinness of work.

For Bags and Boxes and other Shallow or Deep Fastening Jobs



This picture illustrates the visibility and accessibility provided by the small clincher arm on Model EHVBS. Here the motor has been moved so table can be lowered to full limit for stapling larger bags.

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MODEL EHVBS

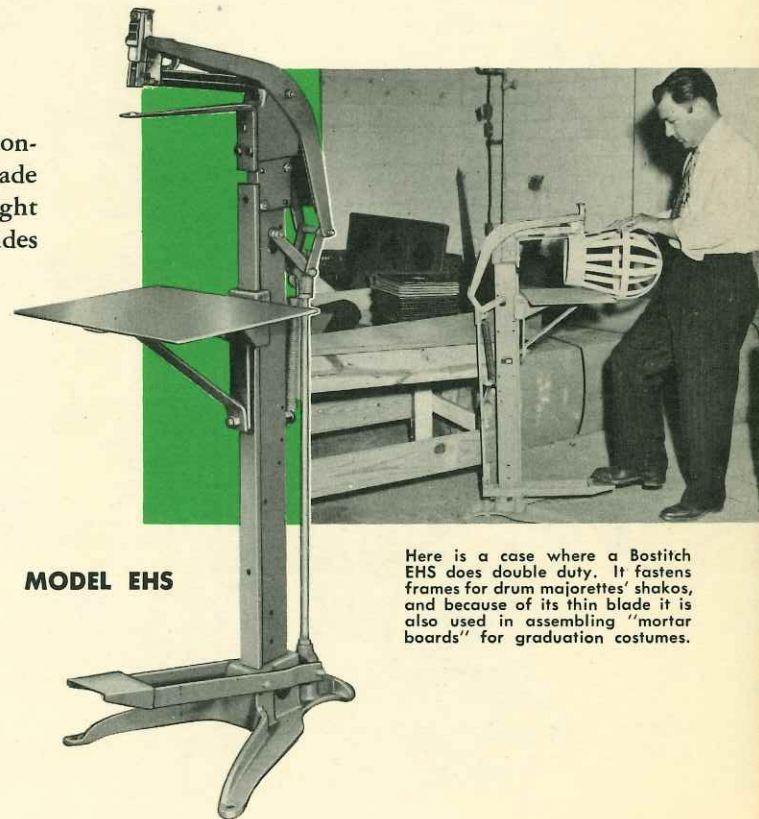


A bag sealing stapler that combines great visibility with ease of operation and will handle a wide range of bag sizes. Both hands are free to fold bag top and hold folds while staples are driven. Narrow clincher arm is only mechanism between operator and bag. Fingers hold bag safely on either side of clincher arm as staple is driven. Bag remains upright while stapling.

Maximum distance, table to clincher; foot power, 31"; motorized, 29". Minimum distance, 4 $\frac{3}{4}$ ". Clincher height from floor, 45 $\frac{1}{4}$ ". Clearance behind clincher, $\frac{3}{4}$ ". Throat, 5 $\frac{1}{2}$ ".

In this model, staples are loaded from the top and fed downward, are driven from the rear and clinched on the side toward the operator.

A top-sealing stapler for corrugated and fibre shipping containers and other stapling jobs on which a thin clinching blade is required. Adjustable table brings work to the exact height for inserting the blade. Also used to seal large bags when sides are tucked in and folded over to make a flat top.



MODEL EHS

Here is a case where a Bostitch EHS does double duty. It fastens frames for drum majorettes' shakos, and because of its thin blade it is also used in assembling "mortar boards" for graduation costumes.



Bostitch Model EHB bottom stapler will handle a variety of boxes and shipping containers. Other Bostitch bottom staplers and wire stitchers are available for containers of larger sizes.

MODEL EHB

A post stapler for stapling bottom flaps of shipping containers and for many other jobs where it is more convenient to have the clincher supported from below rather than from the side as with an arm machine. Solves many fastening problems that would be awkward with other types of stapling machines.

"V"-Type Arms Adapt These Staplers to Many Unique Applications

On many stapling jobs, the conventional clincher arm, table, blade, or post would interfere with the rapid and convenient handling of the work. To overcome this difficulty, where it exists, Bostitch has designed the types of clinchers shown on this page. They are supported by an arm which slopes downward from the vertical frame, providing rigid support for the clincher and at the same time allowing ample room for work which must lie behind the clincher while being stapled.

MODEL EHVH

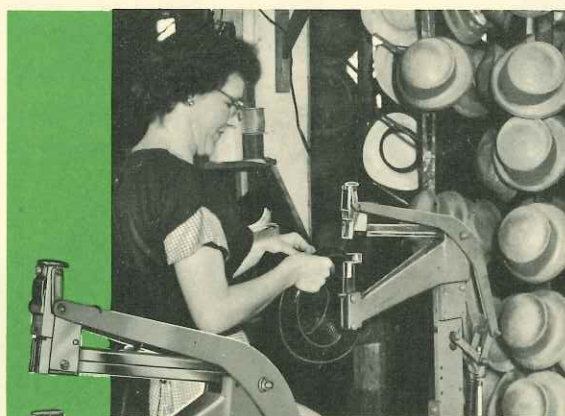
The "horn"-type clincher on this machine permits narrow material or the edge of wider material to pass beneath the clincher itself. It is widely used for making belt loops and will meet the requirements of many other unusual fastening jobs.

Clearance under clincher $\frac{7}{16}$ ".

Height of clincher above end of arm $3\frac{1}{2}$ ".

Restricted to following heads: E1000B, E3000B, E3300B. (See page 7 for staple sizes.)

Weight 75 lbs., crated 110 lbs.



Attaching bows, ribbons, and bands to women's hats, model EHVH is at least 20% faster than method previously used.



EHVH

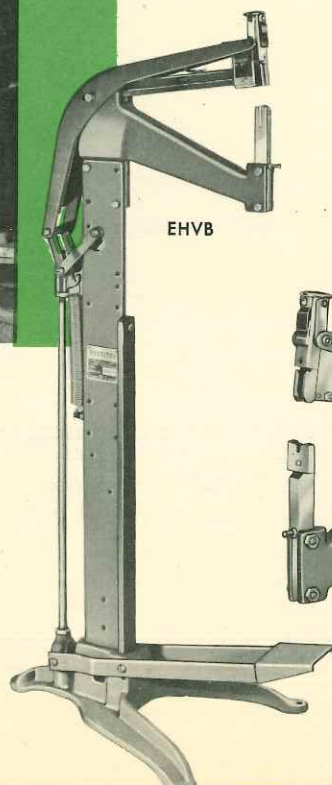


Accessibility around clincher makes model EHVH most convenient for attaching small buckles to belts. Greater speed, greater output, greater profits.

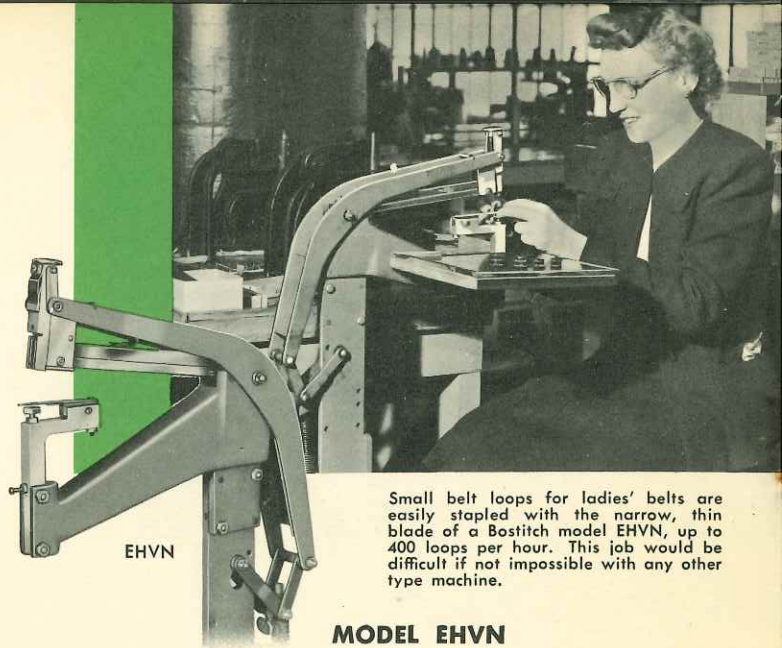
MODEL EHVH

The clincher on this model is in the form of a short bottoming post and is most convenient and efficient on work inside pocket-books and on other jobs where the clincher support must enter from below the work and a longer post is not needed. Post is rigid, permits exact location of staple.

Except for difference in clincher and post, specifications are identical with Model EHVH.



EHVB



Small belt loops for ladies' belts are easily stapled with the narrow, thin blade of a Bostitch model EHVH, up to 400 loops per hour. This job would be difficult if not impossible with any other type machine.

MODEL EHVH

The ingenious clincher on this model can be inserted between close-lying layers of material, is supported in operation by an adjustable screw under the bottom layer. This permits the staple to be clinched inside the work, between the layers of material. A popular machine for making leather bows for shoes, loops for belts and pocketbook straps, attaching pompoms on berets, and other jobs where space for clincher is very restricted and staple legs must not show.

Height of clincher above end of arm $3\frac{1}{2}$ ".

Restricted to the following heads: E1000B, E3000B, E3300B. (See page 7 for staple sizes.)

Maximum clearance between clincher blade and supporting screw $\frac{3}{16}$ ".

Weight 75 lbs., crated 110 lbs.



MODEL EHVH

This machine has a "Visking"-type clincher, which wraps the staple legs around the material, and is used to fasten the twisted ends of Visking, or cellophane, casings in which various meat products are packed. Also used for many other fastening jobs where a "wrap-around" staple is desired and both hands must be free to handle the work.

Height of clincher above end of arm $3\frac{3}{4}$ ".

Restricted to following heads: E2000B, E2100B.

(See page 7 for staple sizes.)

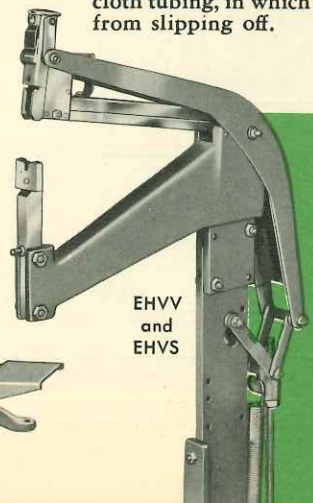
Weight 75 lbs., crated 110 lbs.



MODEL EHVH

Identical with Model EHVH in every respect, except that it is equipped with a "stockinette"-type clincher, which wraps the staple legs around and turns the points into the material. Especially suited to closing the ends of stockinette or cloth tubing, in which the turned-in staple points prevent the staple from slipping off.

Fastening "Visking" type casing on meat "links" with model EHVH is fast, secure, and profitable.



EHVH and EHVH



What Staple Size is Exactly Suited to Your Work?

Bostitch Model E Staplers offer you a wide choice of staple sizes. Each stapler head, with its corresponding clincher, takes staples of one size of wire — sometimes two —, one crown width, and one to four leg lengths. Heads and clinchers can be replaced or changed in a moment's time.

Where more than one staple size is required for different jobs and the volume of work can be handled with a single machine, the interchangeability of Bostitch

heads reduces investment, speeds change-over, and cuts fastening costs.

The following table shows the staple sizes that can be used. Except for heads or machines for which exceptions are noted in their descriptive paragraphs, any of the heads here listed can be installed on any Model E machine. The appropriate clincher should always be used.

| CROWN WIDTH inside legs | WIRE SIZE | STAPLE SYMBOL | LEG LENGTHS | | | | | | | | | | HEAD NUMBER |
|-----------------------------|-------------|---------------|----------------|---------------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|---------------|-------------|
| $\frac{1}{8}$ | .019 round | SJ19 | $\frac{3}{32}$ | | | | | | | | | | E1300B |
| $\frac{3}{16}$ | .019 round | SK19 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | | | | | | E 800B |
| $\frac{3}{16}$ | .025 round | SK25 | | | | $\frac{5}{16}$ | $\frac{3}{8}$ | | | | | | E1800B |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | | | | $\frac{5}{16}$ | $\frac{3}{8}$ | | | | | | E1000B |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | | | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E1100B |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | $\frac{5}{32}$ | $\frac{1}{4}$ | | | | | | | | | E3000B |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | $\frac{5}{32}$ | $\frac{1}{4}$ | | | | | | | | | E3300B* |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | | | | | $\frac{3}{8}$ | | | | | | E4600B* |
| $\frac{3}{16}$ | .050 x .019 | SK5019 | | | | | | | | $\frac{5}{8}$ | $\frac{3}{4}$ | | E1200B** |
| $\frac{3}{16}$ round crown | .050 x .019 | SKR5019 | | $\frac{1}{4}$ | $\frac{5}{32}$ | $\frac{5}{16}$ | | | | | | | E1700B |
| $\frac{3}{16}$ round crown | .050 x .019 | SKR5019 | | $\frac{1}{4}$ | $\frac{5}{32}$ | $\frac{5}{16}$ | | | | | | | E2000B† |
| $\frac{11}{32}$ | .050 x .019 | SHCR5019 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | | | | | | E5000B |
| $\frac{11}{32}$ | .050 x .019 | SHCR5019 | | | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E5100B |
| $\frac{11}{32}$ round crown | .050 x .025 | SHR5025 | | | | | $\frac{3}{16}$ | | | | | | E2100B |
| $\frac{13}{32}$ | .019 round | SCCR19 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | | | | | | E6600B |
| $\frac{13}{32}$ | .025 round | SCCR25 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E6200B |
| $\frac{13}{32}$ | .025 round | SCCR25 | | | | | | | $\frac{5}{16}$ | | | | E6400B |
| $\frac{13}{32}$ | .050 x .019 | SCCR5019 | | | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E9100B |
| $\frac{13}{32}$ | .050 x .019 | SCCR5019 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E6300B |
| $\frac{13}{32}$ | .050 x .025 | SCCR5025 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | |
| $\frac{13}{32}$ | .050 x .019 | SCCR5019 | | | | | | | $\frac{5}{16}$ | | | | E6500B |
| $\frac{13}{32}$ | .050 x .025 | SCCR5025 | | | | | | | $\frac{5}{16}$ | | | | |
| $\frac{13}{32}$ | .103 x .020 | SCCR103020 | | $\frac{1}{4}$ | | | $\frac{3}{8}$ | $\frac{1}{2}$ | | | | | E6700B |
| $\frac{13}{32}$ | .103 x .020 | SCCR103020 | | | | | | | $\frac{5}{16}$ | | | | E6900B |
| $\frac{5}{16}$ | .050 x .019 | SE5019 | | | | | | | | $\frac{3}{4}$ | | | E4200B** |
| $\frac{5}{16}$ | .050 x .019 | SG5019 | | | | | | $\frac{1}{2}$ | | $\frac{5}{8}$ | | $\frac{7}{8}$ | E2900B** |
| $\frac{5}{16}$ round crown | .050 x .019 | SGR5019 | | | | | | | | | $\frac{7}{8}$ | | E2800B** |

*For belt loop and buckle work.

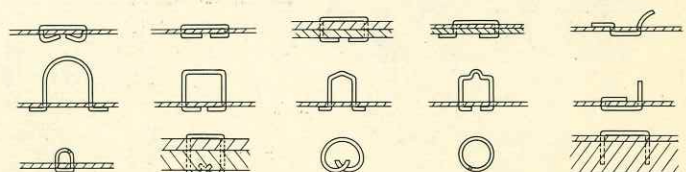
†Visking-type head.

**Special.

The size, shape, and materials in Bostitch staples have been determined by the types of work they are called upon to do. Even the machinery by which these staples are made has been carefully developed by Bostitch engineers. Every strip of Bostitch staples is personally inspected to maintain rigid specifications and assure the user of satisfactory, uninterrupted operation in Bostitch machines.

Wires of various sizes provide penetrating power necessary for the materials being stapled. .050 x .019 high carbon wire can be used where penetrating requirements are unusually severe.

Bostitch staples can be shaped in various forms, some of which are shown below. If your problem seems unusual, ask for suggestions.



ILLUSTRATIONS REPRESENTATIVE . . . NEITHER COMPLETE NOR DRAWN TO SIZE.

Bostitch Model E Staplers

STANDARD SPECIFICATIONS

Special adaptations can be made to meet unusual requirements

Capacity: To determine the length of staple leg needed, add to the thickness of the work, when compressed, the desired length of the clinched section of the staple leg. Ideally, each clinched leg should be one-half the width of the staple crown, but sometimes a shorter clinch is adequate. The clinch should not exceed one-half the crown width unless a pass-by clincher is to be used.

Clearance: Distance between head at its maximum elevation and clincher:

Approximate Minimum Maximum

Foot operated machine:

Solid clincher 0 2½"
Movable clincher ... 0 1¾"

Motor operated machine:

Solid clincher ¾" 1⅛"
Movable clincher ... 1¾" 1¾"

Throat: Distance from clincher back to frame, 10".
Length of gooseneck arm, 10".

Clincher: EHA, ELA, EHT, ELT: movable or solid.
EHFS: movable only.
EHTT: no clincher.
All other models: solid only.

Clincher Height from floor: ELA and ELT: 34",
EHVBS: 45¼". Other models: 42".

Adjustable Table Height from floor: 11" to 42".

Table Sizes: (Width given first.)

EHT and ELT: 21" x 17".
EHTT, ELTT, EHS: 14" x 12⅜".
EHFS: 14½" x 37/16".
EHVBS: 14" x 12⅜".

Speed: Motor driven models:

High speed equipment, 186 strokes per minute.
Low speed equipment, 124 strokes per minute.

Motor:

⅓ h.p., 115 volt, 60 cycle, AC, 1 phase, 1725 r.p.m.
¼ h.p., 230 volt, 60 cycle, AC, 1 phase, 1725 r.p.m.
¼ h.p., 115 volt, DC, 1725 r.p.m.
¼ h.p., 230 volt, DC, 1725 r.p.m.

Floor Space: 25" x 16½". (EHGN: 25" x 23".)

Weights:

| | Net | Crated | | Net | Crated |
|-------|----------|----------|------|---------|----------|
| EHA | 67 lbs. | 97 lbs. | EHB | 75 lbs. | 110 lbs. |
| ELA | 65 lbs. | 95 lbs. | EHVH | 75 lbs. | 110 lbs. |
| EHT | 75 lbs. | 110 lbs. | EHVB | 75 lbs. | 110 lbs. |
| ELT | 73 lbs. | 108 lbs. | EHVN | 75 lbs. | 110 lbs. |
| EHFS | 75 lbs. | 130 lbs. | EHVV | 75 lbs. | 110 lbs. |
| EHGN | 72 lbs. | 113 lbs. | EHVS | 75 lbs. | 110 lbs. |
| EHTT | 70 lbs. | 110 lbs. | | | |
| EHVBS | 100 lbs. | 140 lbs. | | | |
| EHS | 65 lbs. | 115 lbs. | | | |

Price: (quoted on request)

| MODEL | HEAD No. | MOTOR SPECIFICATIONS | F.O.B. FACTORY |
|-------|----------|----------------------|----------------|
| | | | \$..... |
| | | | \$..... |
| | | | \$..... |

Prices subject to change without notice.

BOSTITCH
AND FASTER
fastens it better ₁ with wire

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